

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **PEN-91-09\_275**

ANALYST &amp; DATE: TC/RM, 8/20/91

SAMPLE TYPE: Trimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 12.1%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 64.6%		
MODE 3:	193.5	2.375	MUD: 0.0%	FINE SAND: 22.6%		
$D_{10}$ :	190.3	0.937		V FINE SAND: 0.7%		
MEDIAN or $D_{50}$ :	309.1	1.694	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	522.2	2.393	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.744	2.553	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	331.9	1.456	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.672	1.597	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	170.0	0.741	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	340.6	316.2	1.661	315.6	1.664	Medium Sand
SORTING ( $\sigma$ ):	129.1	1.461	0.547	1.473	0.559	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.818	-0.132	0.132	0.046	-0.046	Symmetrical
KURTOSIS ( $K$ ):	3.481	2.870	2.870	0.987	0.987	Mesokurtic

**GRAIN SIZE DISTRIBUTION**